

Touch Display Panel TAE 151



with 15" XGA TFT color display

The TAE 151 Build-in touch terminal is used for the visualization of automated processes. Process diagnosis, operating and monitoring automated functions are simplified using this terminal.

A touch foil serves as the input medium for process data and parameters.

The output is shown on a 15" XGA TFT color display.

Performance Data

Display	15" TFT color (6-bit RGB)
Control Unit	Touch pad
Interfaces	front side: 3x USB V1.1 back side: S-DVI 1x USB Typ-A V1.1 1x CAN with 2 connections

Electrical Requirements

Supply voltage	minimum +18 V DC	maximum +30 V DC
Supply voltage (UL)	+18-30 V DC Class 2	
Current consumption of voltage supply	typically 825 mA (at +24 V) (measured without connected external devices)	

(the supply voltage is provided by the IPC over the S-DVI cable, which is available in lengths of 0.3 m/2 m/3 m/5 m/10 m/and 15 m.)

Terminal

Dimensions	358 x 313 x 62 mm (W x H x D)
Material	housing: ASA Plastic
Weight	typically 4.2 kg

Control Unit

Touch pad	analog resistant film-glass touch panel
Dimensions	325.5 x 249.3 x 2.2 mm (W x H x D)
Active surface	304.1 mm x 228.1 mm
Resolution	12-bit controller (USB)
Data wheel	no
Buttons	no
LEDs	no
Signal generator	yes
Automatic display detection	yes

Display

Type	15" TFT color (6-bit RGB)
Resolution	1024 x 768 pixels
Color depth	18-bit (262 144 colors)
Pixel grid	0.297 mm x 0.297 mm
Active area	304.128 mm x 228.096 mm
Background lightning	LED
Brightness	typically 350 cd/m²
Contrast	typically 700 : 1
Perspective of	left and right 80°, above and below 70°

Article Number and Miscellaneous

Article number	12-200-151 without foil: 12-200-151-0
Hardware version	9.x
Standard	UL (E247993)
Approvals	CE, cUL _{us}

Environmental Conditions

Storage temperature	-20 ... +60 °C	
Environmental temperature	0 ... +50 °C	
Humidity	20-95 %, non condensing	
EMC stability	EN 61000-6-2 (industrial area)	
Shock resistance	EN 60068-2-27	150 m/s²
Protection type	EN 60529	front: IP54 with USB covers back panel: IP20 without cable channel cover (with cable channel cover IP54)